



PTO/SB/08a/b (08-03)
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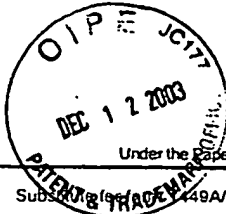
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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	10/625,525	
			Filing Date	July 24, 2003	
			First Named Inventor	Sang S. Lee	
			Art Unit	N/A	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	5	Attorney Docket Number	8733.871.00-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code* (if known)			
	AA	2001-0021000-A1	09-13-2001	Egami	
	AB	4,094,058-	06-13-1978	Yasutake et al.	
	AC	4,691,995-A1	09-08-1987	Yamazaki et al.	
	AD	5,875,922-B1	03-02-1999	Chastine et al.	
	AE	6,304,311-B1	10-16-2001	Egami et al.	
	AF	5,247,377-B1	09-21-1993	Omeis et al.	
	AG	5,511,591-	04-30-1996	Abe	
	AH	5,642,214-	06-24-1997	Ishii et al.	
	AI	5,742,370-	04-21-1998	Kim et al.	
	AJ	6,011,609-	01-04-2000	Kato et al.	
	AK	6,016,178-	01-18-2000	Kataoka et al.	
	AL	6,055,035-	04-25-2000	von Gutfeld et al.	
	AM	6,163,357-	12-19-2000	Nakamura	
	AN	6,226,067-B1	05-01-2001	Nishiguchi et al.	
	AO	6,304,306-B1	10-16-2001	Shiomi et al.	
	AP	6,414,733-B1	07-02-2002	Ishikawa et al.	
	AQ	3,978,580-A1	09-07-1976	Leupp et al.	
	AR	4,653,864-	03-31-1987	Baron et al.	
	AS	4,775,225-A1	10-04-1988	Tsuboyama et al.	
	AT	5,263,888-	11-23-1993	Ishihara et al.	
	AU	5,379,139-A1	01-03-1995	Sato et al.	
	AV	5,406,989-A1	04-18-1995	Abe	
	AW	5,499,128-A1	03-12-1996	Hasegawa et al.	
	AX	5,507,323-	04-16-1996	Abe	
	AY	5,539,545-	07-23-1996	Shimizu et al.	
	AZ	5,548,429-	08-20-1996	Tsujita	
	AA1	5,680,189-	10-21-1997	Shimizu et al.	
	AB1	5,757,451-	05-26-1998	Daisuke Miyazaki et al.	
	AC1	5,852,484-	12-22-1998	Kazuo Inoue et al.	
	AD1	5,854,664-	12-29-1998	Kazuo Inoue et al.	
	AE1	5,861,932-	01-19-1999	Masashi Inata et al.	
	AF1	5,952,678	09-14-1999	Ashida	
	AG1	5,956,112-	09-21-1999	Fujimori et al.	
	AH1	6,001,203-	12-14-1999	Yamada et al.	
	AI1	6,016,181-	01-18-2000	Shimada	
	AJ1	6,219,126-B1	04-17-2001	von Gutfeld	
	AK1	6,236,445-B1	05-22-2001	Foschaar et al.	
	AL1	6,337,730-B1	01-08-2002	Ozaki et al.	

Examiner Signature		Date Considered	11/4/05
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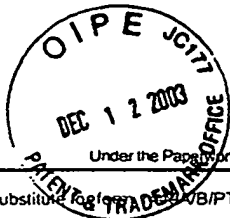
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			Art Unit	N/A	
			Examiner Name	Not Yet Assigned	
Sheet	2	of	5	Attorney Docket Number	8733.871.00-US

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ²	Number ³ -Kind Code ⁴ (if known)			
CS	BA	JP	05-154923-	06-22-1993	Fukuo et al.	
CS	BB	KR	2000-035302-A1	06-26-2000	Yoshihiro	
CS	BC	JP	06-235925-	08-23-1994	Katsuya	
CS	BD	JP	06-313870-	11-08-1994	Fukuo et al.	
CS	BE	JP	07-084268-	03-31-1995	Hiroshi et al.	
CS	BF	JP	08-101395-	04-16-1996	Satoru et al.	
CS	BG	JP	09-061829-	03-07-1997	Satoru et al.	
CS	BH	JP	10-177178-	06-30-1998	Shinichi et al.	
CS	BI	JP	10-333157-	12-18-1998	Takayuki et al.	
CS	BJ	JP	10-333159-	12-18-1998	Takayuki et al.	
CS	BK	JP	11-133438-	05-21-1999	Shinichi et al.	
CS	BL	JP	11-142864-	05-28-1999	Takashi et al.	
CS	BM	JP	11-248930-	09-17-1999	Satoru et al.	
CS	BN	JP	11-326922-	11-26-1999	Yuji	
CS	BO	JP	2000-002879-	01-07-2000	Masaki	
CS	BP	JP	2000-056311-	02-25-2000	Satoru et al.	
CS	BQ	JP	2000-066165-	03-03-2000	Koji et al.	
CS	BR	JP	2000-137235-	05-16-2000	Norihiko et al.	
CS	BS	JP	2000-147528-	05-24-2000	Nobutaka et al.	
CS	BT	JP	2000-193988-	07-14-2000	Taijin et al.	
CS	BU	JP	2000-241824-	09-08-2000	Masanori et al.	
CS	BV	JP	2000-284295-	10-13-2000	Satoshi et al.	
CS	BW	JP	2000-292799-	10-20-2000	Yoshiteru et al.	
CS	BX	JP	2000-310759-	11-07-2000	Norihiko	
CS	BY	JP	2000-310784-	11-07-2000	Kazuo et al.	
CS	BZ	JP	2000-338501-	12-08-2000	Hideaki	
CS	BA1	JP	2001-005401-	01-12-2001	Kiyoshi et al.	
CS	BB1	JP	2001-005405-	01-12-2001	Satoshi et al.	
CS	BC1	JP	2001-013506-	01-19-2001	Seiji et al.	
CS	BD1	JP	2001-033793-	02-09-2001	Shinichiro et al.	
CS	BE1	JP	2001-042341-	02-16-2001	Masayuki et al.	
CS	BF1	JP	2001-051284-	02-23-2001	Norihiko	
CS	BG1	JP	2001-066615-	03-16-2001	Katsuki et al.	
CS	BH1	JP	2001-091727-	04-06-2001	Koji et al.	
CS	BI1	JP	2001-117109-	04-27-2001	Hideki et al.	
CS	BJ1	JP	2001-133745-	05-18-2001	Satoshi et al.	
CS	BK1	JP	2001-133799-	05-18-2001	Satoshi	
CS	BL1	JP	2001-166272-	06-22-2001	Kiyoshi et al.	
CS	BM1	JP	2001-166310-	06-22-2001	Takashi et al.	
CS	BN1	JP	2001-183683-	07-06-2001	Akinori et al.	
CS	BO1	JP	2001-201750-	10-04-2001	Kazuyuki et al.	
CS	BP1	JP	2001-209052-	08-03-2001	Hideaki	
CS	BQ1	JP	2001-209060-	08-03-2001	Yoshihiro et al.	
CS	BR1	JP	2001-215459-	09-13-2001	Norihiko	

Examiner Signature		Date Considered	11/4/05
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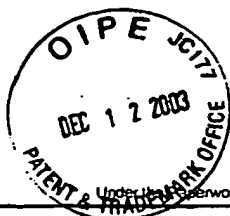
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		Art Unit	N/A		
		Examiner Name	Not Yet Assigned		
Sheet	3	of	5	Attorney Docket Number	8733.871.00-US

BS1	JP-2001-222017-	08-17-2001	Kunihiro et al.		
BT1	JP-2001-235758-	08-31-2001	Katsuki		
BU1	JP-2001-272640-	10-05-2001	Kuniaki		
BV1	JP-2001-281675-	10-10-2001	Yutaka et al.		
BW1	JP-2001-281678-	10-04-2001	Hiroyuki et al.		
BX1	JP-2001-282126-	10-12-2001	Masayuki et al.		
BY1	JP-2001-305563-	10-31-2001	Akira et al.		
BZ1	JP-2001-330837-	11-30-2001	Kazufumi		
BA2	EP-1 003 066 A1-A1	05-24-2000	Egami et al.		
BB2	JP-2001-356353-	12-26-2001	Saloshi et al.		
BC2	JP-51-065656-	06-07-1976	Yoichi		
BD2	JP-59-057221-	04-02-1984	Yoshio et al.		
BE2	JP-59-195222-	11-06-1984	Osamu		
BF2	JP-60-111221-	06-17-1985	Masanori et al.		
BG2	JP-57-038414-A1	03-03-1982	Naoaki et al.		
BH2	JP-57-088428-A1	06-02-1982	Tsutomu		
BI2	JP-58-027126-A1	02-17-1983	Takao		
BJ2	JP-60-164723-A1	08-27-1985	Tooru		
BK2	JP-60-217343-A1	10-30-1985	Kiyohiro		
BL2	JP-61-007822-A1	01-14-1986	Shinjiro		
BM2	JP-61-055625-A1	03-20-1986	Norio et al.		
BN2	JP-62-089025-A1	04-23-1987	Shinji et al.		
BO2	JP-62-090622-A1	04-25-1987	Akihiro et al.		
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BQ2	JP-63-109413-A1	05-14-1988	Yoshiro		
BR2	JP-63-110425-A1	05-14-1988	Motoi		
BS2	JP-63-128315-A1	05-31-1988	Toshiyasu		
BT2	JP-63-311233-A1	12-20-1988	Yoko et al.		
BU2	JP-05-127179-A1	05-25-1993	Hiroshi		
BV2	JP-05-265011-A1	10-15-1993	Katsuki		
BW2	JP-05-281557-A1	10-29-1993	Hisao et al.		
BX2	JP-05-281562-A1	10-29-1993	Satoshi et al.		
BY2	JP-06-051256-A1	02-25-1994	Koji et al.		
BZ2	JP-06-148657-A1	05-27-1994	Yoshinori et al.		
BA3	JP-06-160871-	06-07-1994	Yoshinori et al.		
BB3	JP-06-265915-A1	09-22-1994	Hirohada et al.		
BC3	JP-07-128674-A1	05-19-1995	Yoshiyuki et al.		
BD3	JP-07-181507-A1	07-21-1995	Teruhiko		
BE3	JP-08-095066-A1	04-12-1996	Kazuhiro et al.		
BF3	JP-08-106101-A1	04-23-1996	Yoshiro et al.		
BG3	JP-08-171094-A1	07-02-1996	Shinji et al.		
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BO3	JP-09-230357-A1	09-05-1997	Teruhiko		
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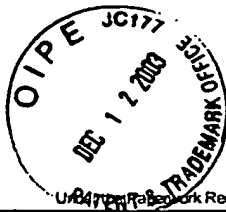
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Sheet	4	of	5
		Attorney Docket Number	8733.871.00-US

CS	BQ3	JP-09-311340-A1	12-02-1997	Satoshi		
CS	BR3	JP-10-123537-A1	05-15-1998	Norihiko et al.		
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CS	BU3	JP-10-221700-A1	08-21-1998	Kunihiro et al.		
CS	BV3	JP-10-282512-A1	10-23-1998	Hideyuki		
CS	BW3	JP-11-014953-A1	01-22-1999	Takahiro		
CS	BX3	JP-11-038424-A1	02-12-1999	Kunihiro et al.		
CS	BY3	JP-11-064811-A1	03-05-1999	Naoto		
CS	BZ3	JP-11-109388-A1	04-23-1999	Yuzo et al.		
CS	BA4	JP-11-174477-A1	07-02-1999	Katsuki et al.		
CS	BB4	JP-11-212045-A1	08-06-1999	Shirou		
CS	BC4	JP-11-344714-A1	12-14-1999	Masaaki et al.		
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CS	BI4	JP-2001-154211-	06-08-2001	Yuichiro et al.		
CS	BJ4	JP-2001-255542-	09-21-2001	Yuichi		
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CS	BL4	JP-2001-330840-A1	11-30-2001	Hisaaki et al.		
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CS	BN4	JP-2002-014360-A1	01-18-2002	Norihiko et al.		
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CS	BQ4	JP-2002-082340-A1	03-22-2002	Sadaichi et al.		
CS	BR4	JP-2002-090759-A1	03-27-2002	Koji		
CS	BS4	JP-2002-090760-A1	03-27-2002	Norihiko		
CS	BT4	JP-2002-107740-A1	04-10-2002	Mitsuaki		
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CS	BV4	JP-2002-122873-A1	04-26-2002	Yasuo		
CS	BW4	JP-2002-139734-	05-17-2002	Hiroyuki et al.		
CS	BX4	JP-2002-202512-A1	07-19-2002	Akimasa		
CS	BY4	JP-2002-202514-A1	07-19-2002	Satoshi et al.		
CS	BZ4	JP-2002-214626-A1	07-31-2002	Shinichi		

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

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